

ABSTRACT OF THE DISCLOSURE

Even if a layout of a facility is appropriate in the beginning, the layout may gradually become inappropriate with the passage of time. However, since the conventional technologies can not automatically grasp the appropriateness of layout at present, there has been a problem that it is impossible to change the layout of the facility at an appropriate timing.

The appropriateness the facility is judged based on a movement cost calculated using automatically measured a flow line of a moving body. In order to attain the object, the present invention comprises a flow line-measuring means for measuring the flow line of the moving body by detecting the moving body in an object to be monitored; a movement cost-calculating means for calculating a cost expended on movement of the moving body, that is, a movement cost from the flow line information; and a movement cost-evaluating means for judging whether or not a cost calculated by the movement cost-calculating means is within a permissible range.